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TRANSMITTAL FORM

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Total Number of Pages in This Submission

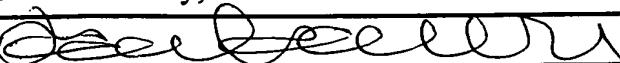
13

Application Number	10/542,043
Filing Date	January 16, 2004
First Named Inventor	Charles R. Cantor
Art Unit	
Examiner Name	
Attorney Docket Number	701586-053653

ENCLOSURES (Check all that apply)

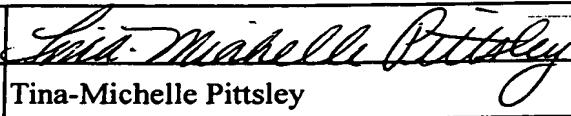
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Mailing ; Certificate of Limited Recognition; COPY - International Search Report; COPY - References 2-36; and Return Receipt Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks Please charge any fee deficiency and credit overpayments in connection with this submission to Nixon Peabody, LLP Deposit Account No. 19-2380.	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Nixon Peabody, LLP		
Signature			
Printed name	Ronald I. Eisenstein/Leena H. Karttunen		
Date	July 26, 2006	Reg. No.	30,628/E0207

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature		
Typed or printed name	Tina-Michelle Pittsley	Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent & Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES RECEIVING OFFICE

PCT/US2004/001329	16.01.2004 16 January 2004	17.01.2003 17 January 2003
International Application Number	International Filing Date	International Earliest Priority Date

TITLE OF INVENTION:

HAPLOTYPe ANALYSIS

APPLICANT(S) FOR EO/DO:

The Trustees of Boston University

INVENTOR(S)/APPLICANT(S) FOR US:

Charles R. Cantor and Chunming Ding

U.S.S.N.:

10/542,043

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a) and 1.10)

I hereby certify that this correspondence:

1. Certificate of Mailing (1 pg.);
2. COPY-Certificate of Limited Recognition (1 pg.);
3. Transmittal Form (1 pg.);
4. COPY – International Search Report (5 pp.);
5. Information Disclosure Statement with Form PTO/SB/08 a and b (5 pp.);
6. COPY – References 2-36; and
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P.O. Box 1450
Alexandria, VA 22313-1450

Date: July 26, 2006


Signature

Tina-Michelle Pittsley
(type or print name of person certifying)



Practitioner's Docket No. 701586-53653

PATENT

IN THE UNITED STATES RECEIVING OFFICE

PCT/US2004/001329	16.01.2004 16 January 2004	17.01.2003 17 January 2003
International Application Number	International Filing Date	International Earliest Priority Date

TITLE OF INVENTION:

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U.S.S.N.:

10/542,043

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

LETTER IN RESPONSE TO NOTIFICATION

In response to the Notification dated August 8, 2006, Applicants submit herewith a paper copy and computer readable copy of the Sequence listing in compliance with 37 C.F.R. 1.821-1.825, and a Statement that the contents of these are the same.

Contrary to what the Notice contended, Applicants have submitted to the Office a copy of the International Search Report and Information Disclosure Statement. Such report was sent via Express Mail on July 26, 2006. Applicants attach a copy of the Submission is attached herewith.

Accordingly, Applicants respectfully request refund of the additional fee adjustment referred to in the Notice.

The Commissioner is hereby authorized to credit the overpayments or charge any additional fees associated with this communication to Nixon Peabody Deposit Account No. 19-2380.

Date: October 6, 2006

Respectfully submitted,

Ronald I. Eisenstein (Reg. No. 30,628)
Leena H. Karttunen (L0207)
NIXON PEABODY LLP
100 Summer Street
Boston, MA 02110
Tel. (617) 345-6054



**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATES PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)

Leena H. Karttunen is hereby given limited recognition under 37 CFR §11.9(b) as an employee of Nixon Peabody LLP, to prepare and prosecute patent applications wherein the patent applicant is the client of Nixon Peabody LLP and an attorney or agent of record in the applications is a registered practitioner who is a member of Nixon Peabody LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Leena H. Karttunen ceases to lawfully reside in the United States, (ii) Leena H. Karttunen's employment with Nixon Peabody LLP ceases or is terminated, or (iii) Leena H. Karttunen ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Limited Recognition No. L0207
Expires: February 11, 2007

Harry I. Moatz
Director of Enrollment and Discipline

FEE TRANSMITTAL FOR FY 2006

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 0)

Attorney Docket No. **701586-53653**

Complete if Known

Application Number	10/542,043
Filing Date	January 16, 2004
First Named Inventor	Charles R. Cantor
Examiner Name	To be assigned.
Art Unit	To be assigned.

OIA
OCT 10 2006
TRADEMA

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number

19-2380

Deposit Account Name

Nixon Peabody LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 300	2001 150	Utility filing fee	
1002 200	2002 100	Design filing fee	
1003 200	2003 100	Plant filing fee	
1004 300	2004 150	Reissue filing fee	
1005 200	2005 100	Provisional filing fee	

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims				
		-20** =		
			X	
				0

Independent Claims		-3** =		
			X	
				0

Multiple Dependent		X		
			X	
				0

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 50	2202 25	Claims in excess of 20
1201 200	2201 100	Independent claims in excess of 3
1203 360	2203 180	Multiple dependent claim, if not paid
1204 200	2204 100	** Reissue independent claims over original patent
1205 50	2205 25	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1051 130	2051 65	Surcharge - late filing fee or oath
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053 130	1053 130	Non-English specification
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251 120	2251 60	Extension for reply within first month
1252 450	2252 225	Extension for reply within second month
1253 1,020	2253 510	Extension for reply within third month
1254 1,590	2254 795	Extension for reply within fourth month
1255 2,160	2255 1,080	Extension for reply within fifth month
1401 500	2401 250	Notice of Appeal
1402 500	2402 250	Filing a brief in support of an appeal
1403 1,000	2403 500	Request for oral hearing
1451 1,510	1451 1,510	Petition to institute a public use proceeding
1452 500	2452 250	Petition to revive - unavoidable
1453 1,500	2453 750	Petition to revive - unintentional
1501 1,400	2501 700	Utility issue fee (or reissue)
1502 800	2502 400	Design issue fee
1503 1,100	2503 550	Plant issue fee
1460 130	1460 130	Petitions to the Commissioner
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)
1806 180	1806 180	Submission of Information Disclosure Stmt
8021 40	8021 40	Recording each patent assignment per property (times number of properties)
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))
1801 790	2801 395	Request for Continued Examination (RCE)
1802 900	1802 900	Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

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transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____

October 6, 2006

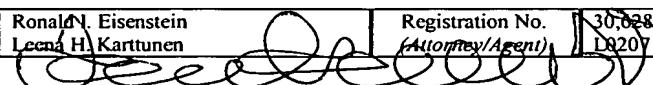
Date

Signature

Megan L. Stemberger

Typed or printed name

SUBMITTED BY

Name (Print/Type)	Ronald N. Eisenstein Leena H. Karttunen	Registration No. (Attorney/Agent)	130,028 DQ207	Telephone	617-345-6054
Signature				Date	October 6, 2006

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Alexandria, VA 22313-1450

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AUG 04 2006

NIXON PEABODY LLP

Mailing Date: July 26, 2006

Client: Boston University

Inventors: Cantor, et al.

Serial No.: 10/542,043

Filing Date: January 16, 2004

Attorney/Sec: RIE/LHK/tmp

Docket No.: 701586-53653

Patent No.:

Grant Date:

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